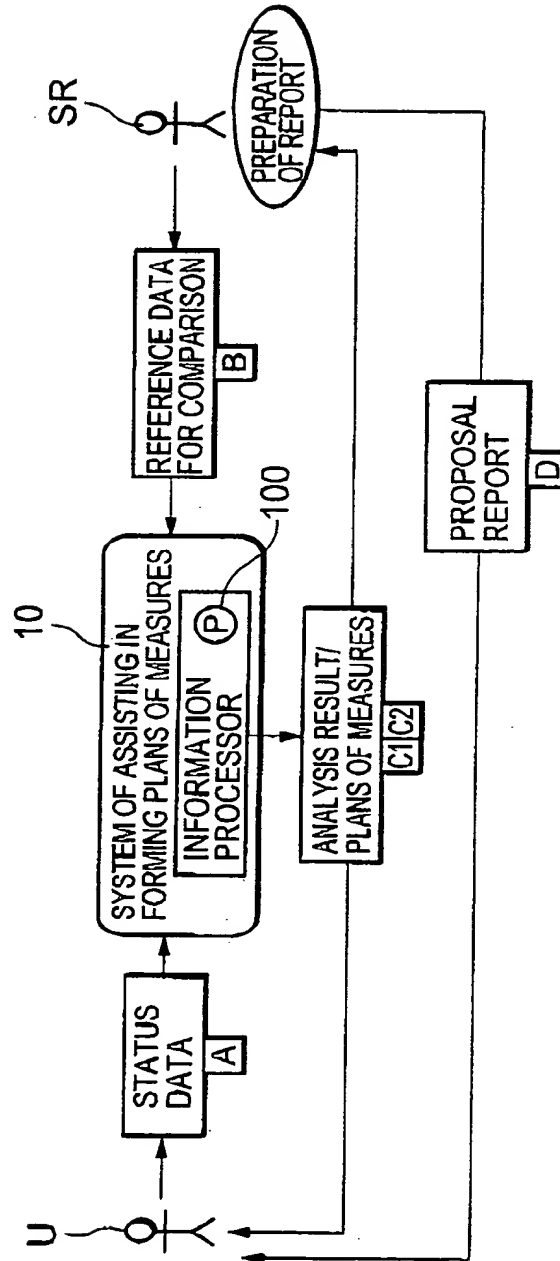


FIG.1





# Replacement Sheet

2/26

FIG. 2A

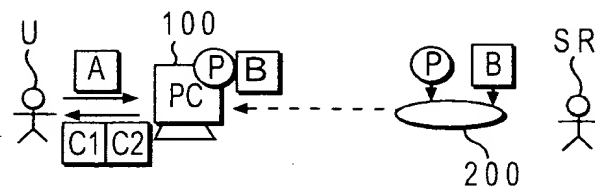


FIG. 2B

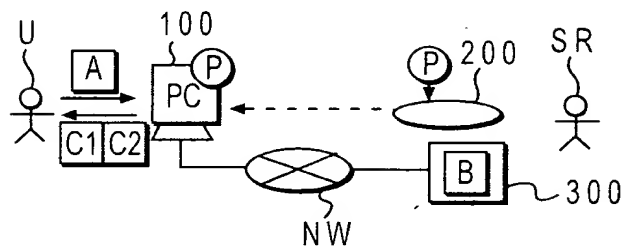


FIG. 2C

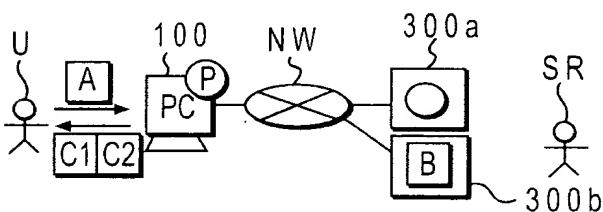


FIG. 2D

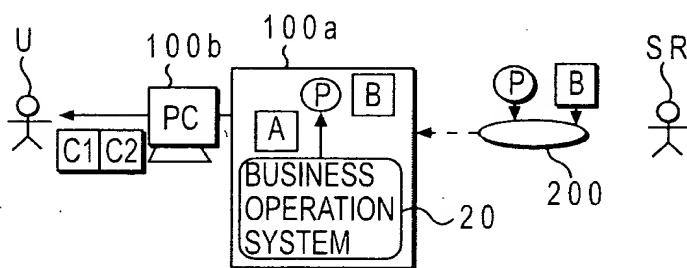


FIG. 2E

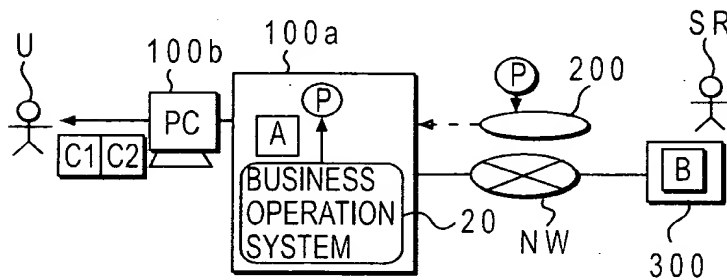


FIG. 2F

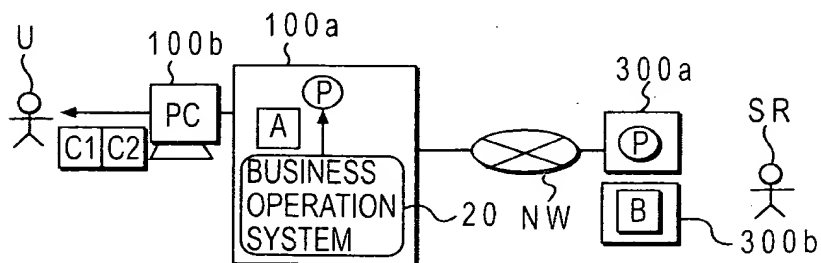
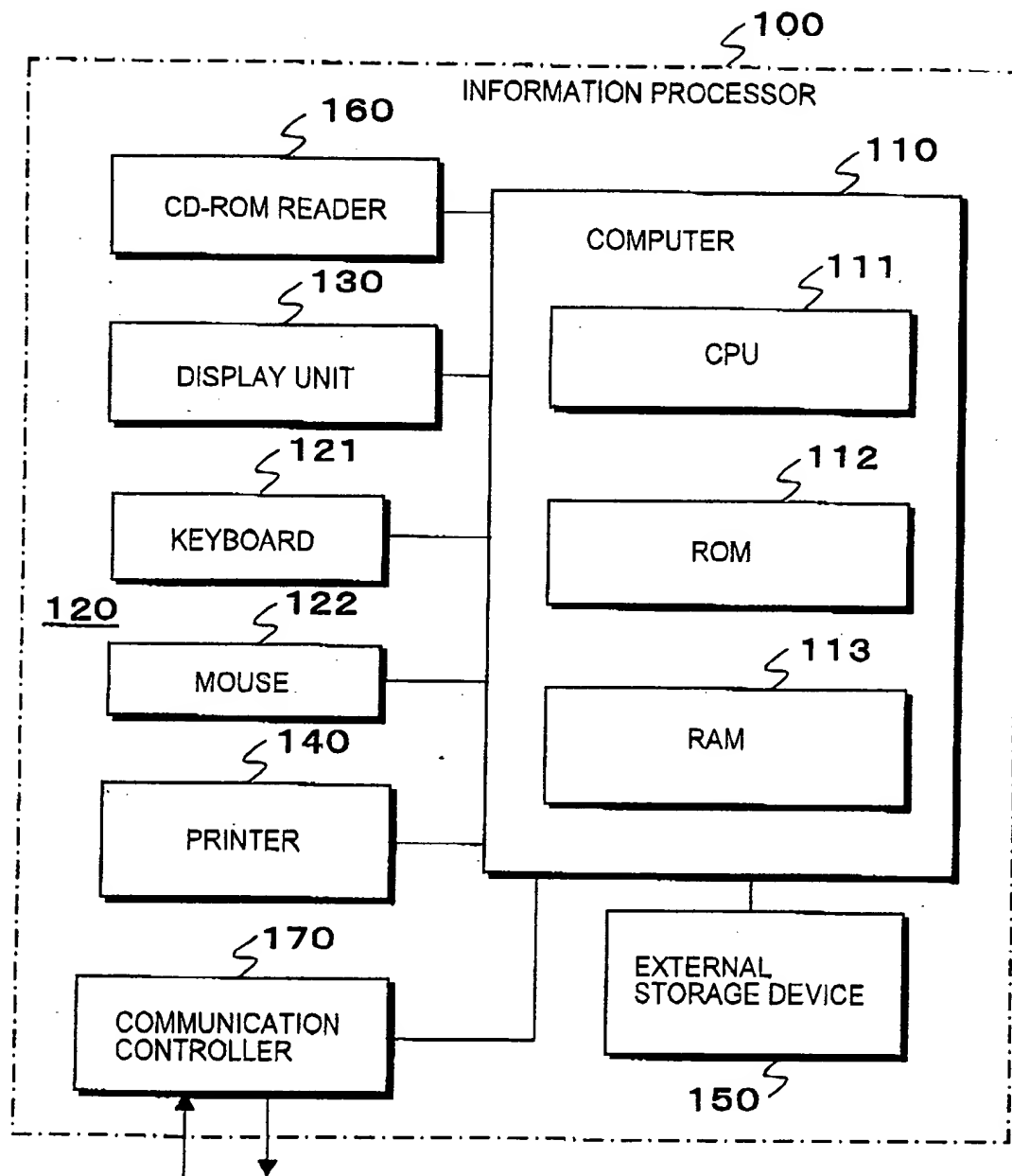




FIG.3





4/26

FIG.4

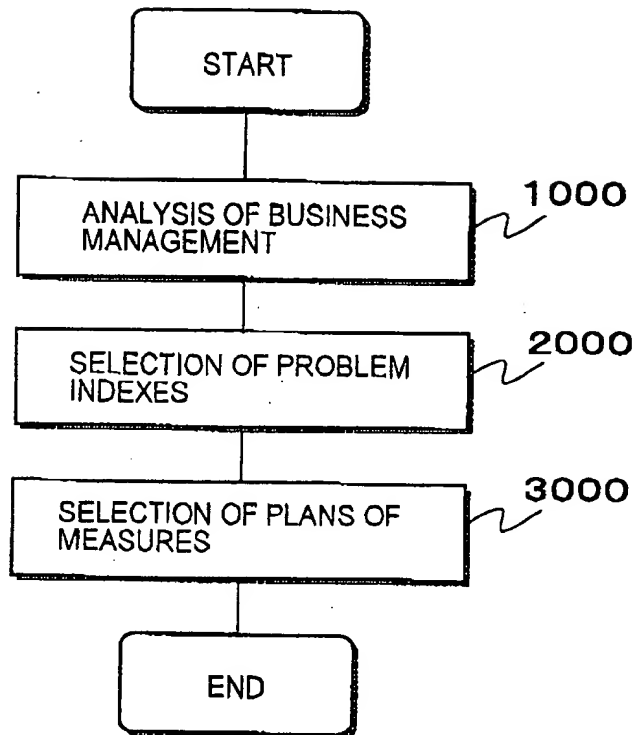


FIG. 5

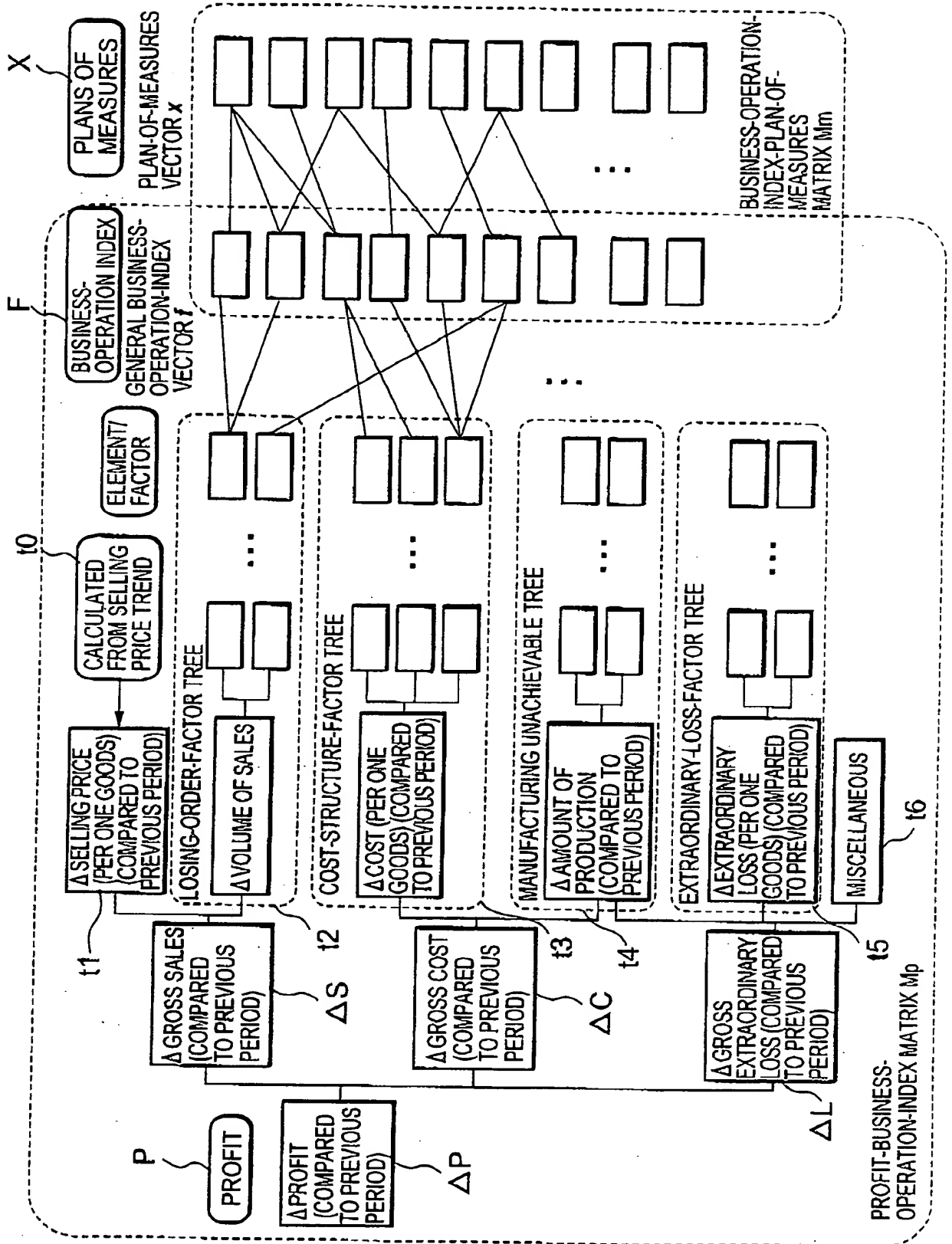


FIG.6

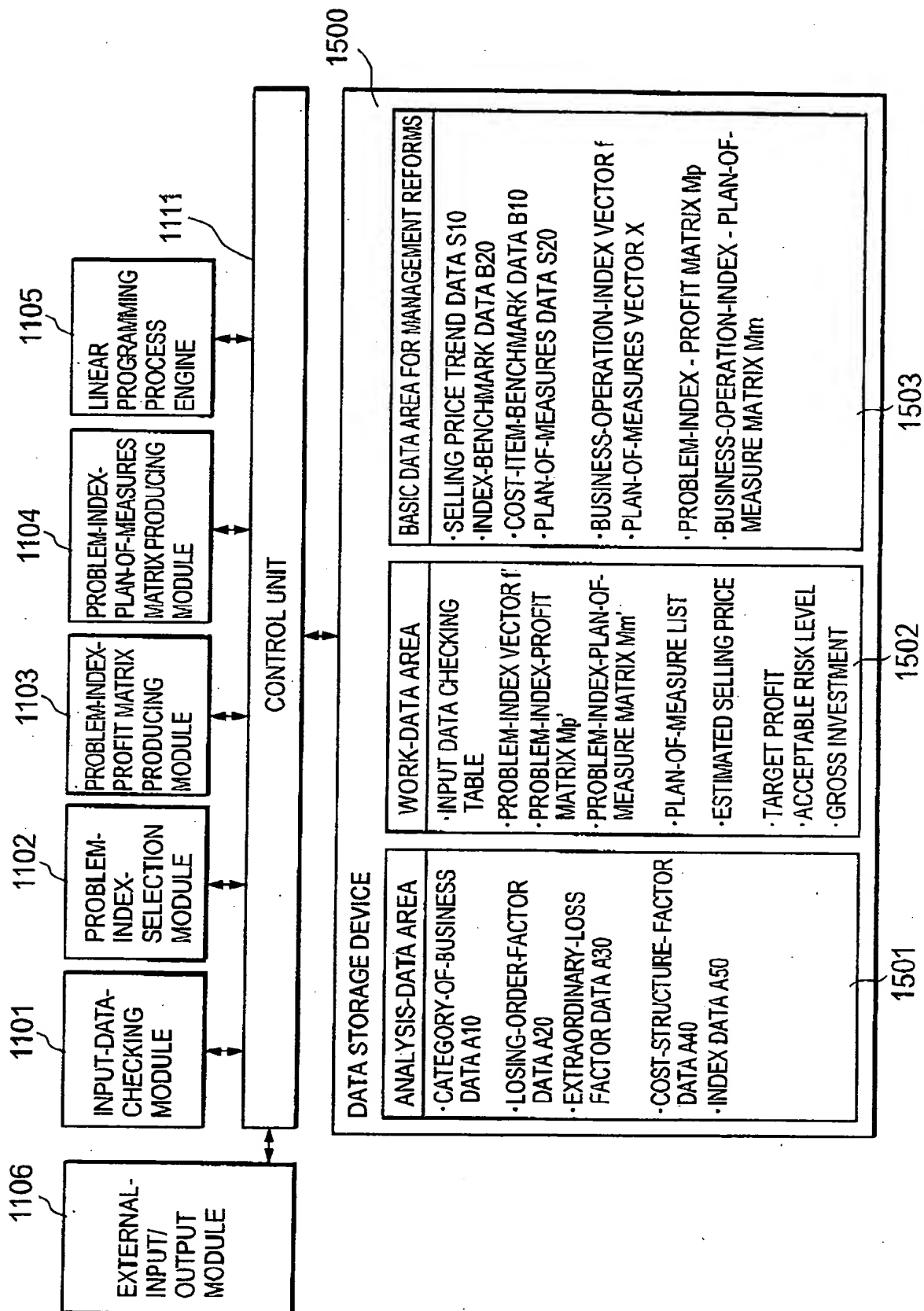
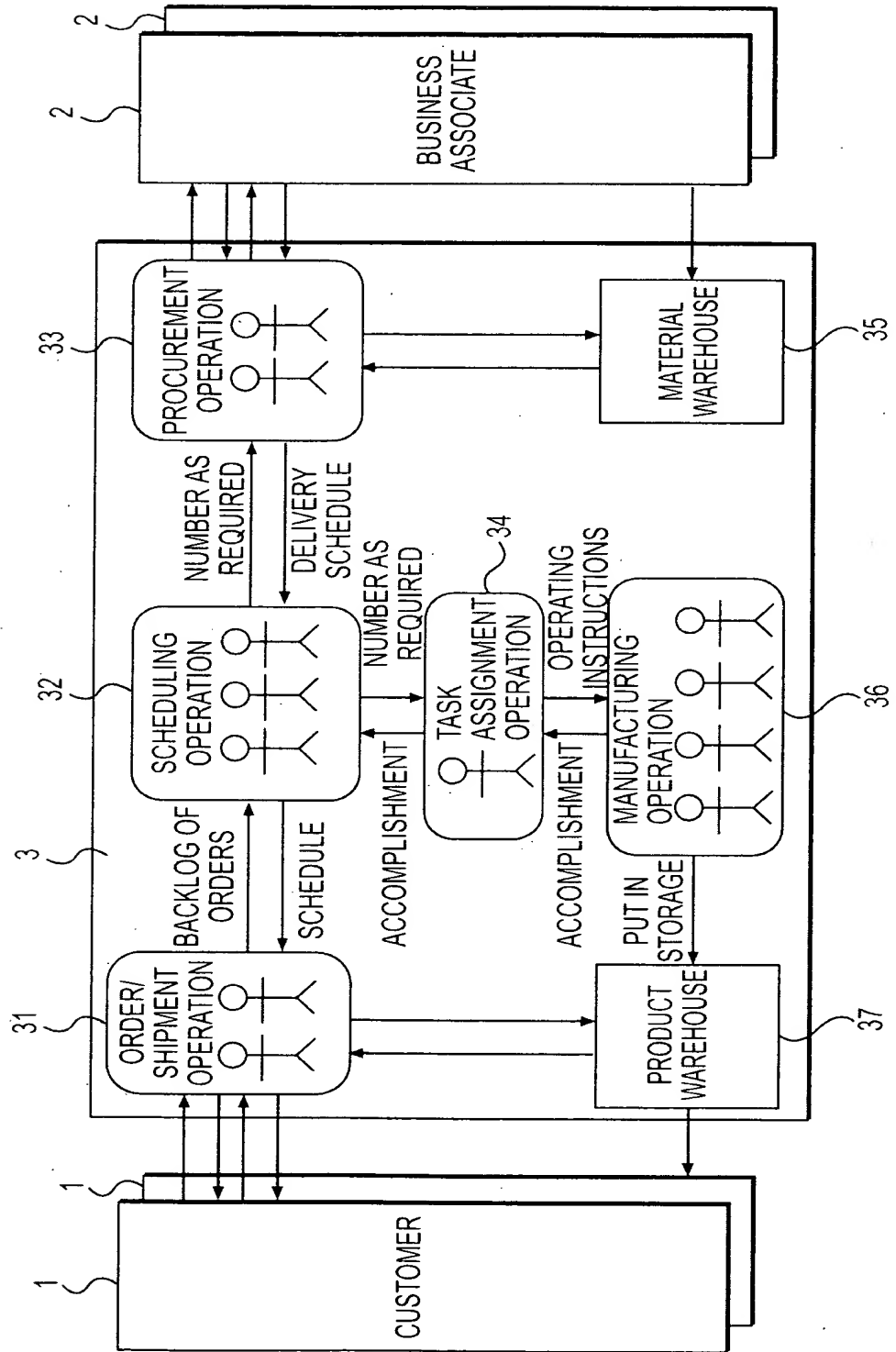




FIG. 7





8/26

FIG.8

A10

	MAJOR DIVISION OF CATEGORY OF BUSINESS	MINOR DIVISION
1	MANUFACTURING INDUSTRIES	HIGH-TECHNOLOGY PRODUCT ASSEMBLING

FIG.9

A20

	LOSING-ORDER FACTOR	RELATIONAL EXPRESSION OF LOSING-ORDER FACTOR
1	DELAY OF PRESENTING ESTIMATE	$\Delta V = \beta \cdot \Delta LT_q$

FIG.10

A30

	EXTRAORDINARY-LOSS FACTOR	RELATIONAL EXPRESSION OF EXTRAORDINARY-LOSS-FACTOR
1	TOO LONG SCHEDULING TOTAL LEAD TIME LT	$\Delta L = \alpha \cdot \Delta LT_t$





9/26

FIG.11

A40

MAJOR ITEM	MINOR ITEM	RATIO RELATIVE TO SALES (%)
OVERHEAD COST		20
	ORDER/SHIPMENT OPERATION	6
	SCHEDULING OPERATION	8
	PROCUREMENT OPERATION	6
DISPATCH COST		3
	PRODUCT SHIPPING COST	3
DIRECT LABOR COST		12
	TASK ASSIGNMENT OPERATION	2
	MANUFACTURING OPERATION	10
DIRECT MATERIAL COST		60
	MATERIAL A	20
	MATERIAL B	40
TOTAL COST		95
OPERATING PROFIT		5
EXTRAORDINARY LOSS		2
	DISPOSE OF UNDERPERFORMING ASSETS	2
PROFIT OF CURRENT PERIOD		3



10/26

FIG.12

A50

MAJOR ITEM	MINOR ITEM	INDEX VALUE
INDIRECT LABOR EFFICIENCY (SHIPPING QUANTITY/MAN)		
	ORDER/SHIPMENT OPERATION	100
	SCHEDULING OPERATION	20
	PROCUREMENT OPERATION	40
DIRECT LABOR EFFICIENCY (SHIPPING QUANTITY/MAN)		
	TASK ASSIGNMENT OPERATION	100
	MANUFACTURING OPERATION	10
INDIRECT LABOR LEAD TIME (NUMBER OF DAY/TIME)		
	ORDER/SHIPMENT OPERATION	5
	SCHEDULING OPERATION	20
	PROCUREMENT OPERATION	10

FIG.13

S10

	RELATIVE SELLING PRICE (BASED ON CURRENT PERIOD BEING TAKEN AS UNITY)
SECOND PREVIOUS PERIOD	1.25
PREVIOUS PERIOD	1.05
CURRENT PERIOD	1



11/26

FIG.14

B10

MAJOR ITEM	MINOR ITEM	RATIO RELATIVE TO SALES (%)
OVERHEAD COST		5
	ORDER/SHIPMENT OPERATION	1
	SCHEDULING OPERATION	2
	PROCUREMENT OPERATION	1
DISPATCH COST		3
	PRODUCT SHIPPING COST	3
DIRECT LABOR COST		7
	TASK ASSIGNMENT OPERATION	?
	MANUFACTURING OPERATION	?
DIRECT MATERIAL COST		60
	MATERIAL A	20
	MATERIAL B	40
TOTAL COST		85
OPERATING PROFIT		15



12/26

FIG.15

B20

MAJOR ITEM	MINOR ITEM	INDEX VALUE
INDIRECT LABOR EFFICIENCY (SHIPPING QUANTITY/MAN)		
	ORDER/SHIPMENT OPERATION	500
	SCHEDULING OPERATION	100
	PROCUREMENT OPERATION	130
DIRECT LABOR EFFICIENCY (SHIPPING QUANTITY/MAN)		
	TASK ASSIGNMENT OPERATION	500
	MANUFACTURING OPERATION	10
INDIRECT LABOR LEAD TIME (NUMBER OF DAY/TIME)		
	ORDER/SHIPMENT OPERATION	1
	SCHEDULING OPERATION	5
	PROCUREMENT OPERATION	5



13/26

FIG.16

	S21 PLAN OF MEASURES	S20 INVESTMENT COST (M¥)	S22 RISK LEVEL
1	INTRODUCTION OF ORDER MANAGEMENT SUBSYSTEM 1	5	1
2	INTRODUCTION OF ORDER MANAGEMENT SUBSYSTEM 2	7	1
3	INTRODUCTION OF ORDER MANAGEMENT SUBSYSTEM 3	3	2
4	INTRODUCTION OF PRODUCTION MANAGEMENT SUBSYSTEM 1	10	1
5	INTRODUCTION OF PRODUCTION MANAGEMENT SUBSYSTEM 2	10	1
6	INTRODUCTION OF PRODUCTION MANAGEMENT SUBSYSTEM 3	10	2
7	INTRODUCTION OF PROCUREMENT MANAGEMENT SUBSYSTEM 1	3	1
8	INTRODUCTION OF PROCUREMENT MANAGEMENT SUBSYSTEM 2	10	2
9	INTRODUCTION OF PLANT 1 FOR PRODUCTION	10	1
10	INTRODUCTION OF PLANT 2 FOR PRODUCTION	500	3

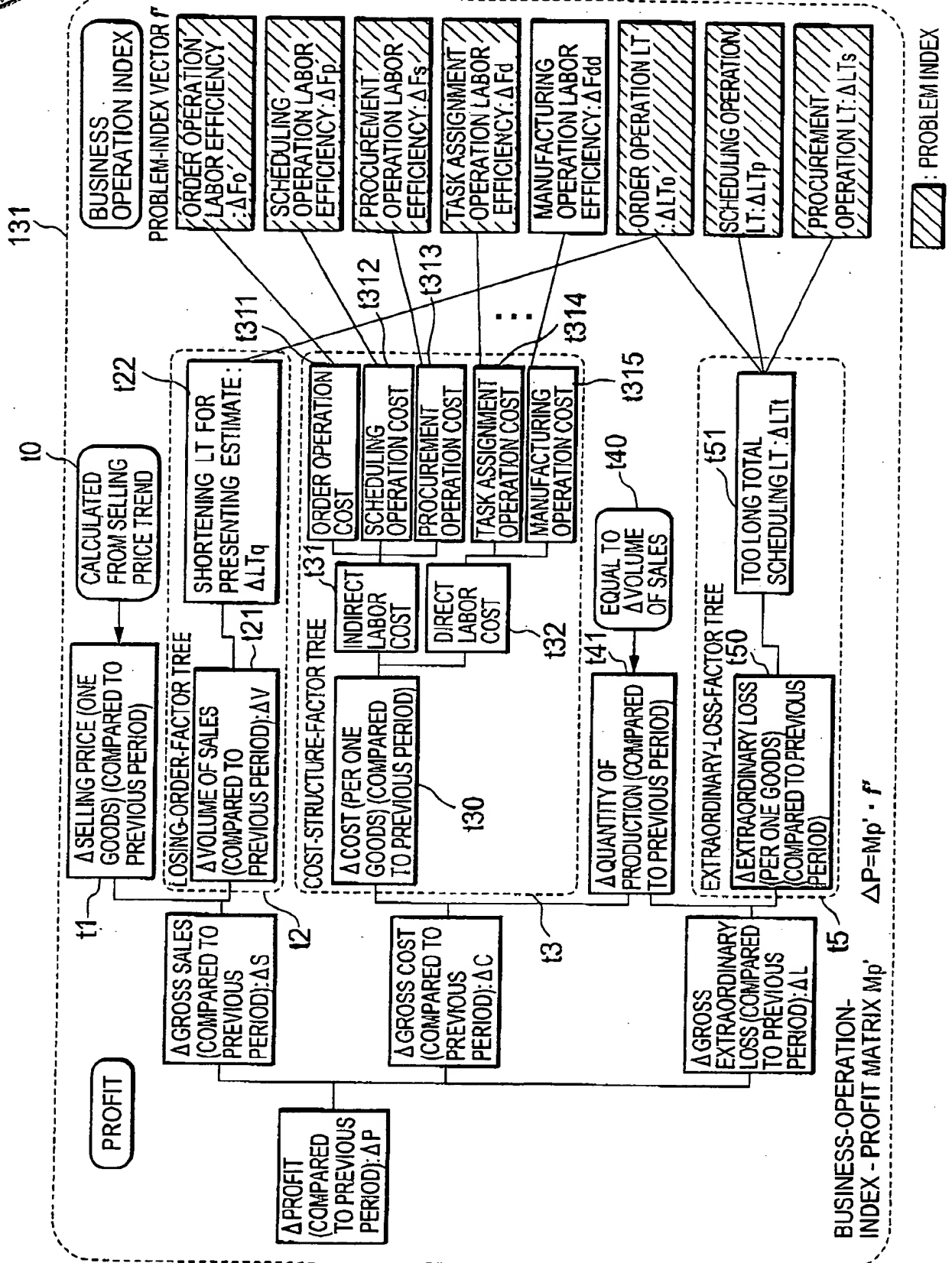


FIG.18

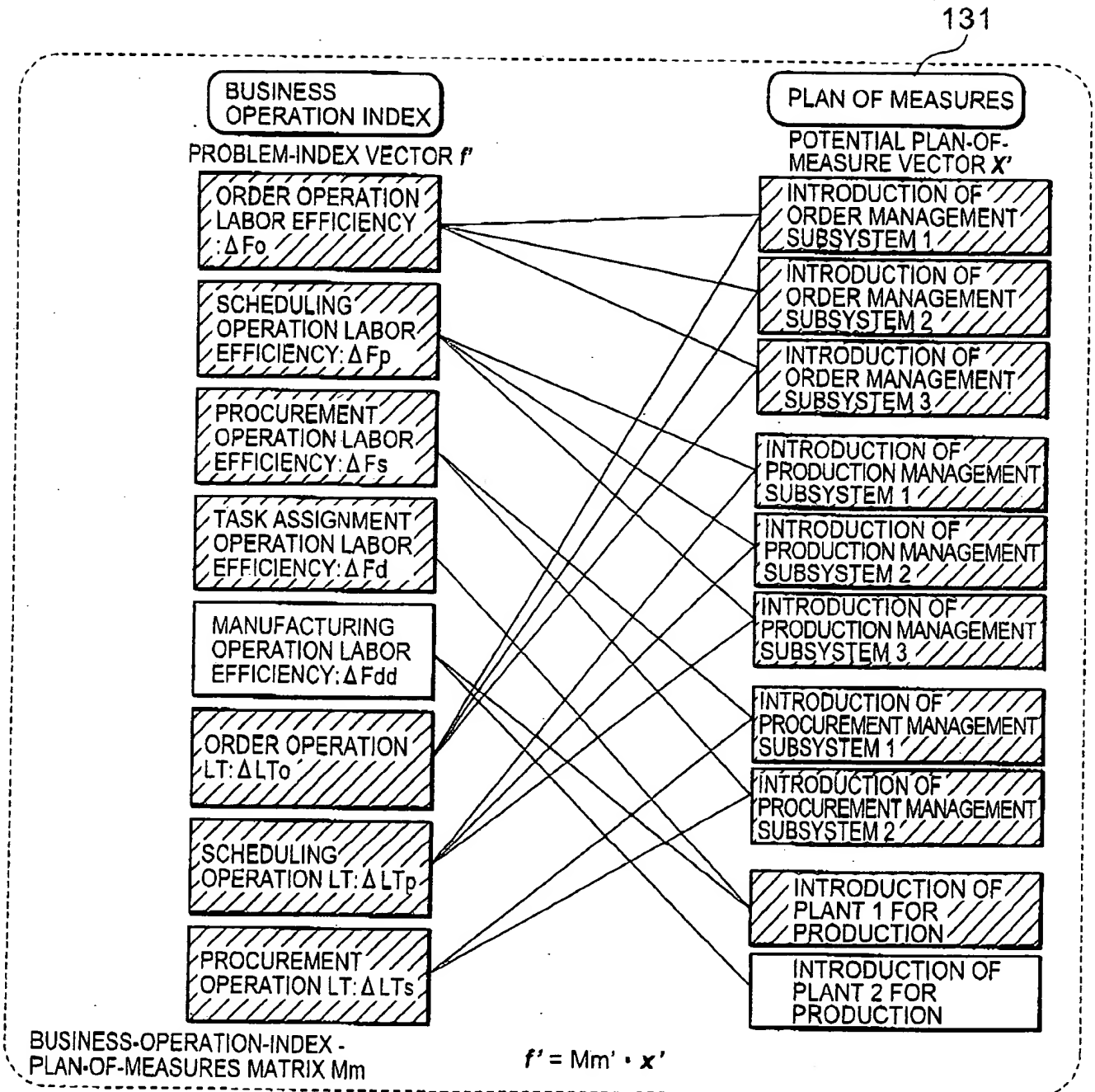
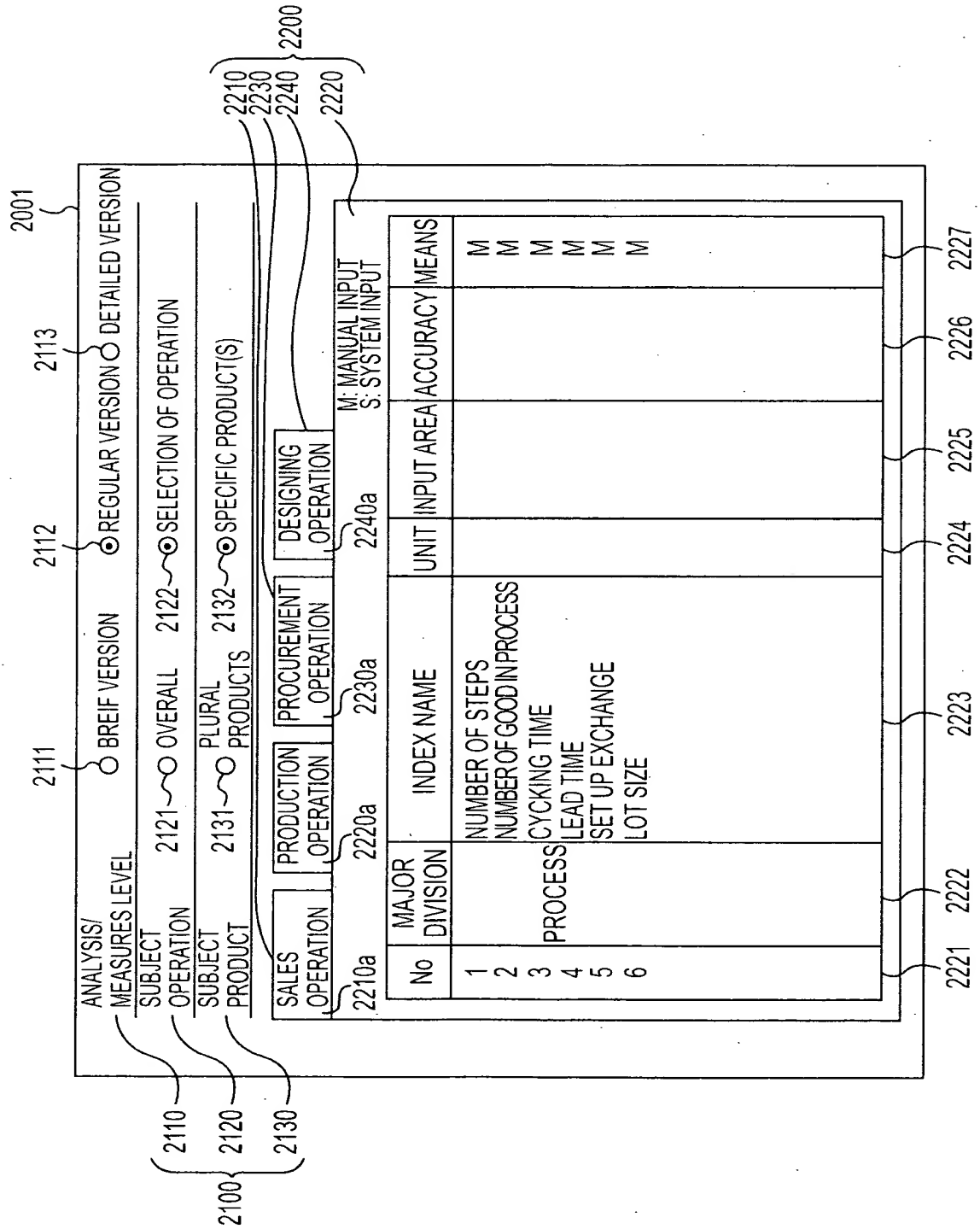




FIG. 19







17/26

FIG.20

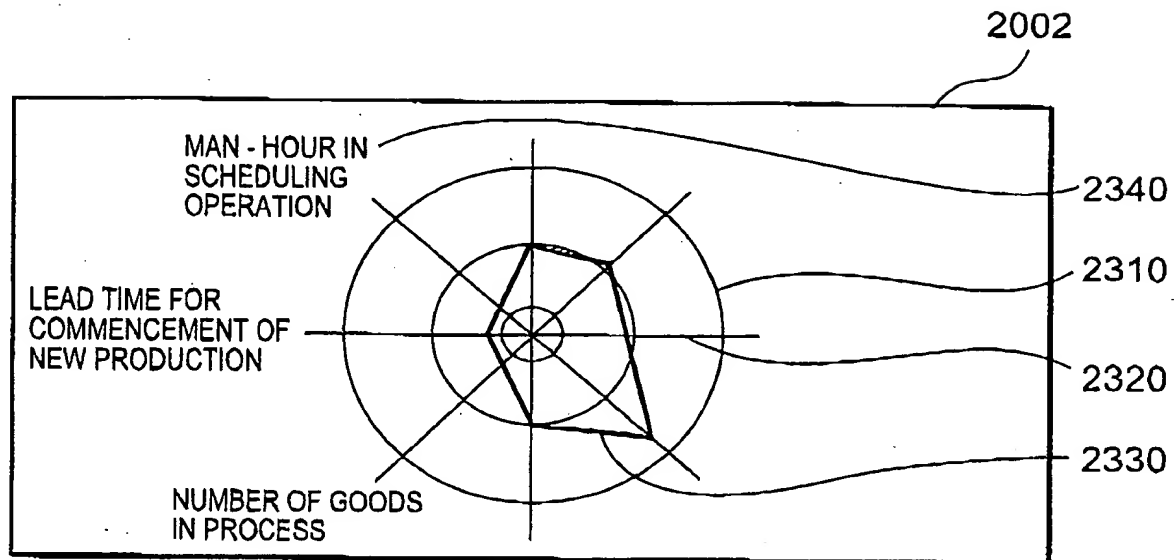


FIG.21

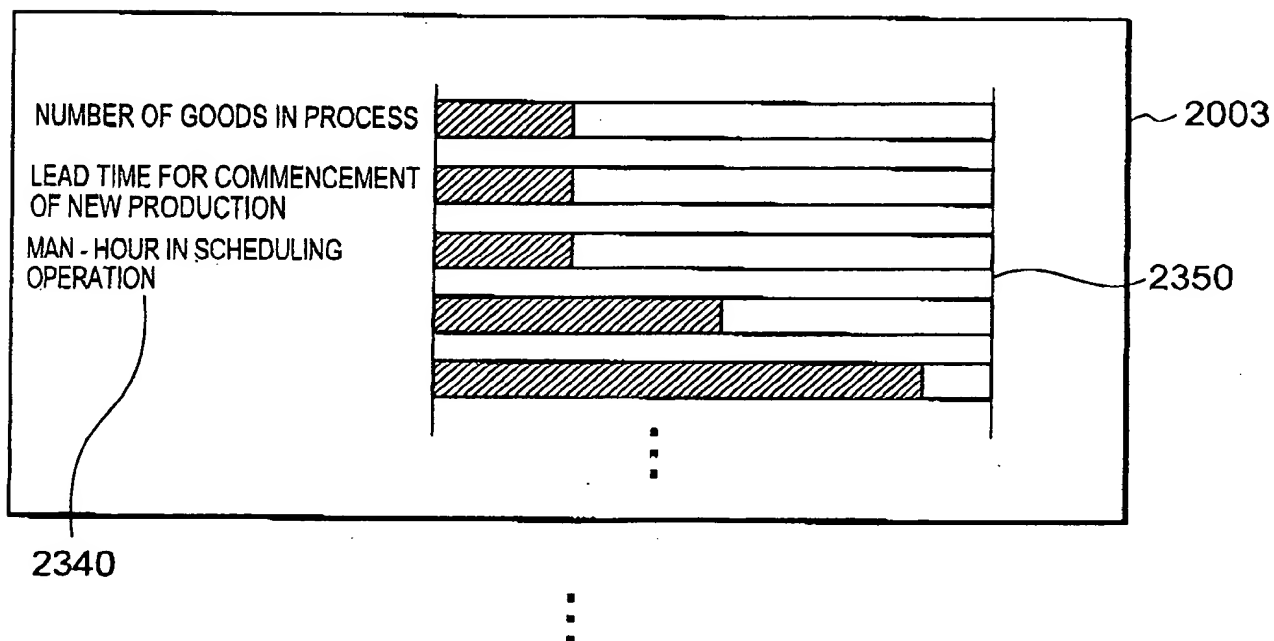
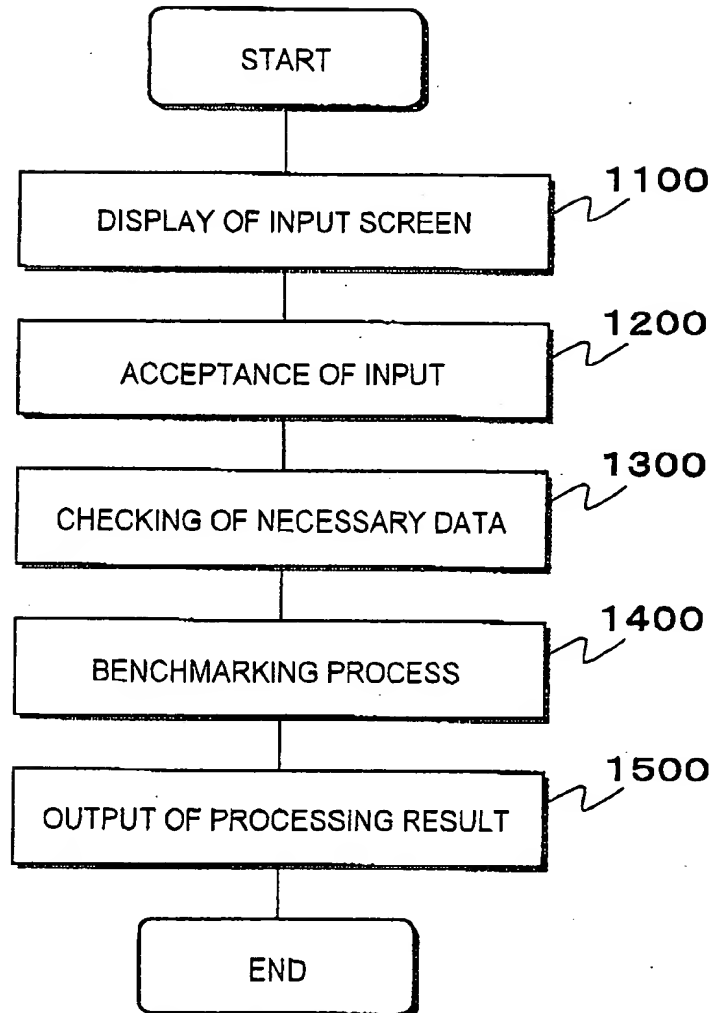




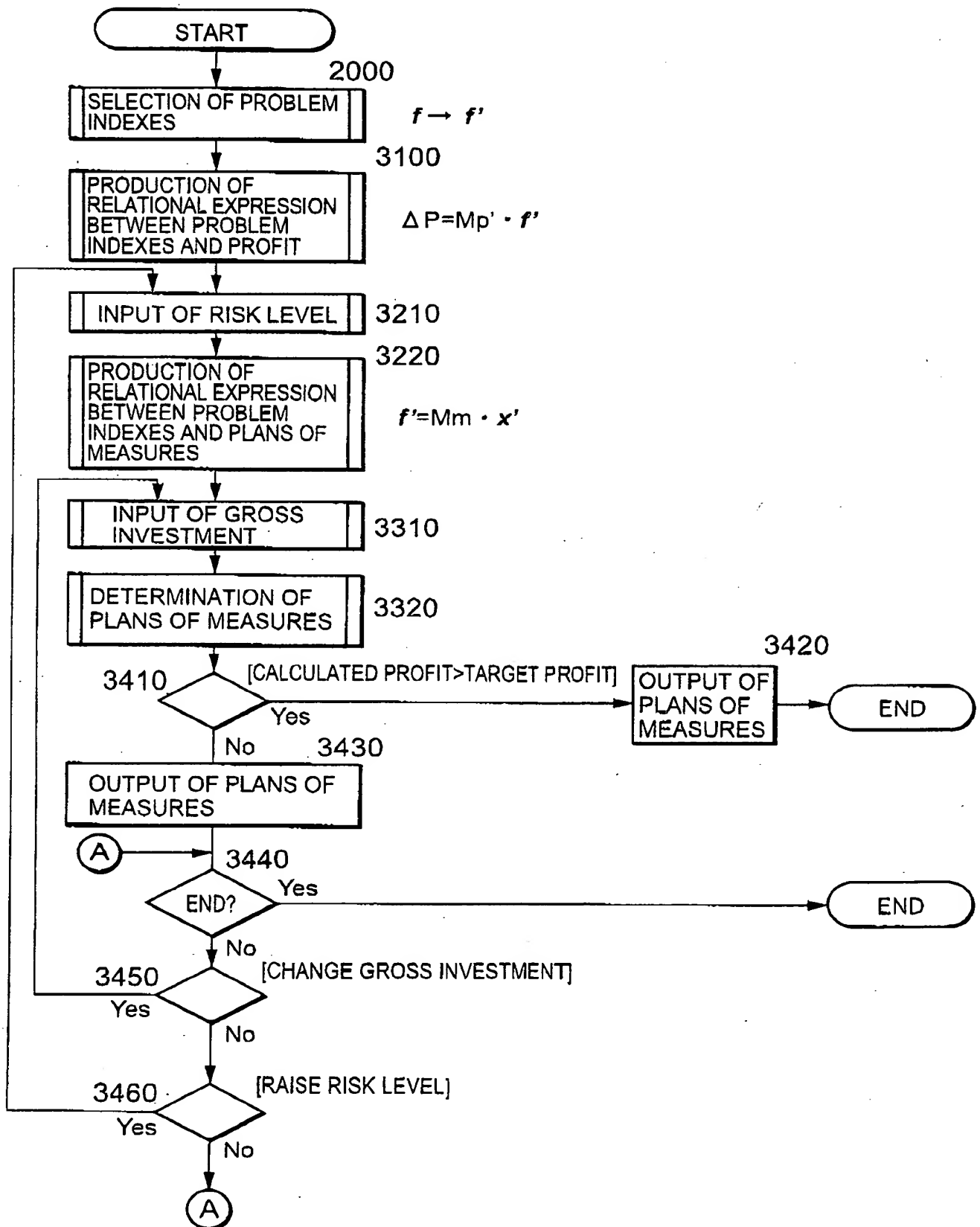
FIG.22





19/26

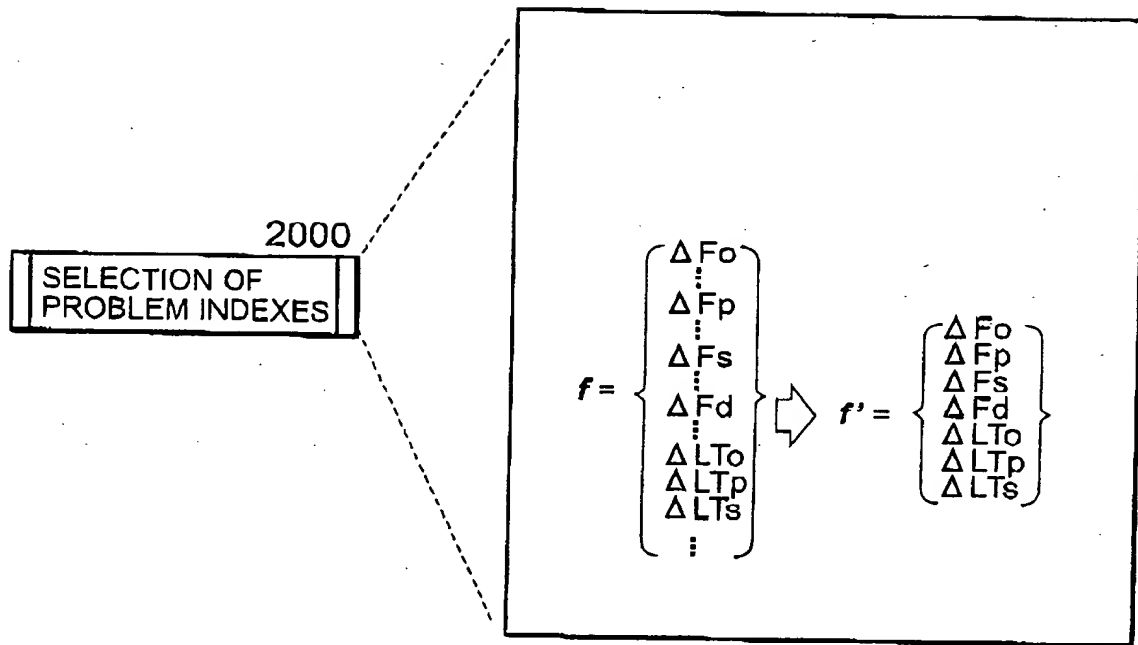
FIG.23





20/26

FIG.24





21/26

FIG.25

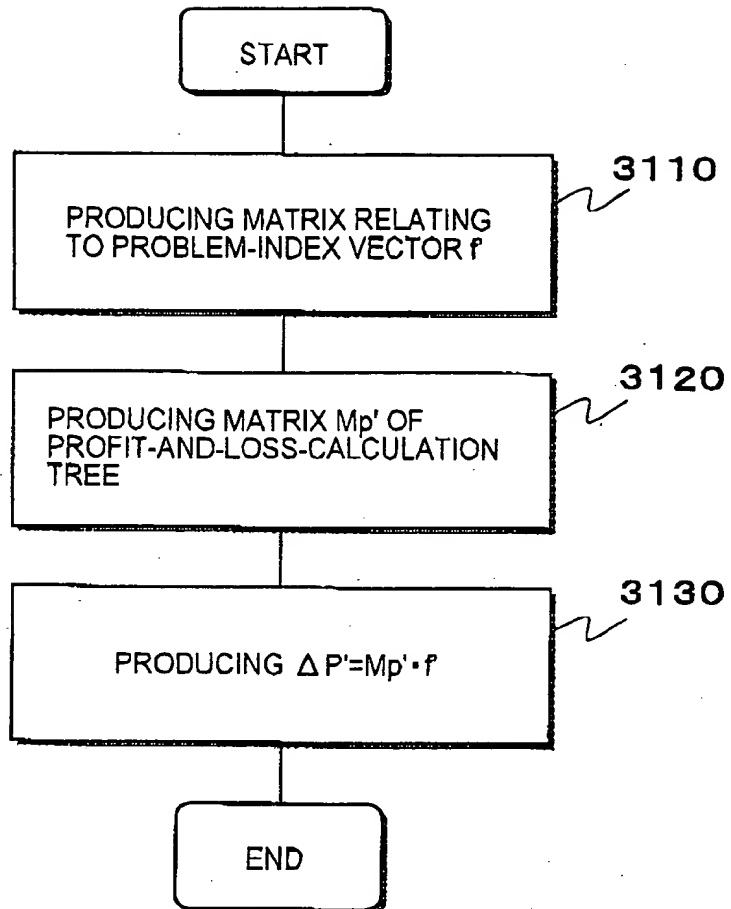


FIG.26A

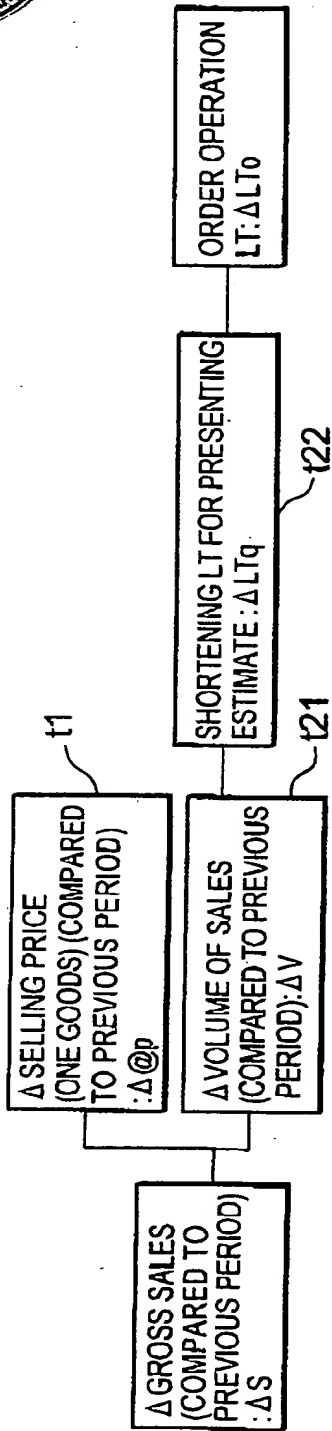


FIG.26B

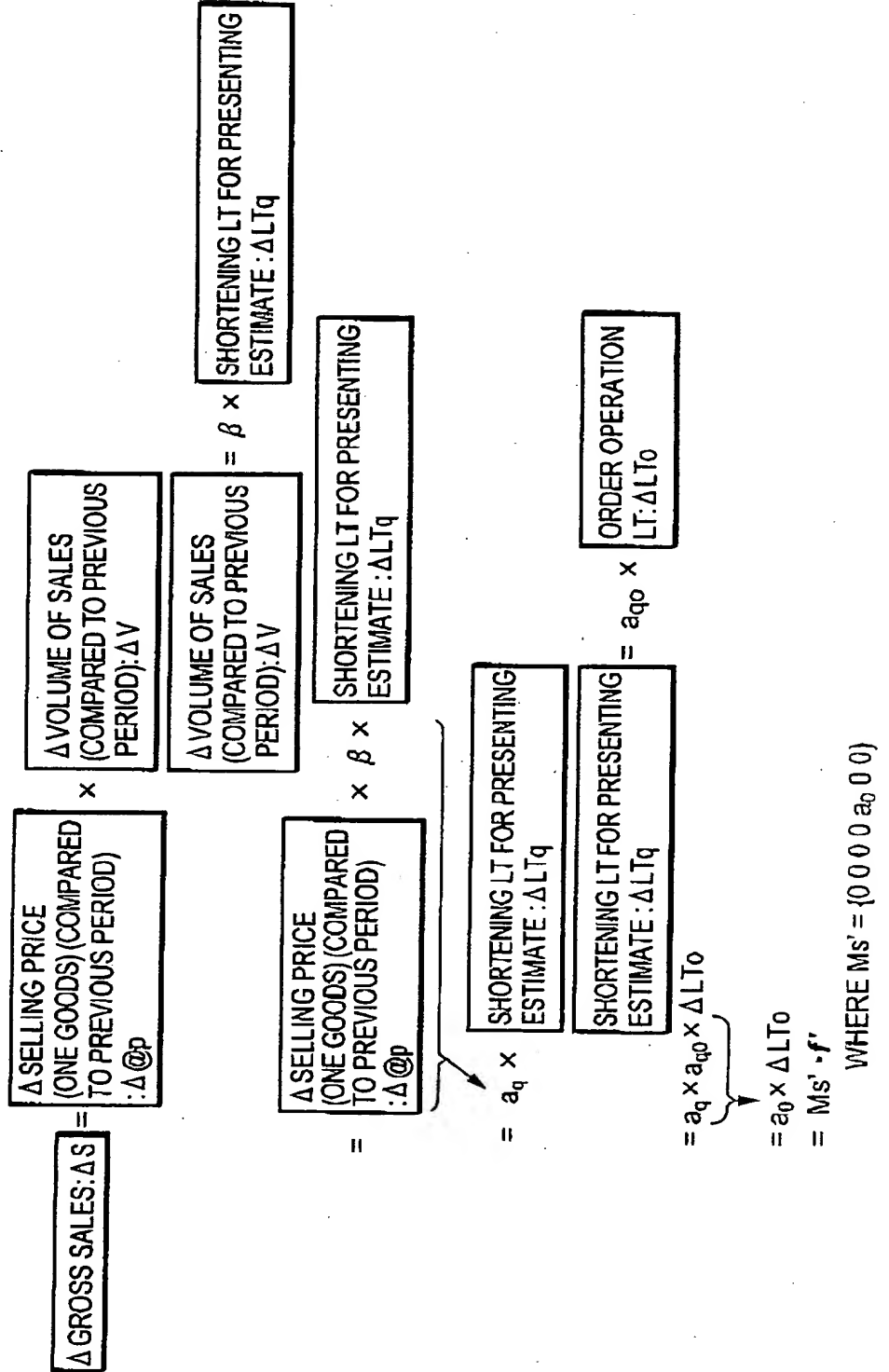




FIG.27

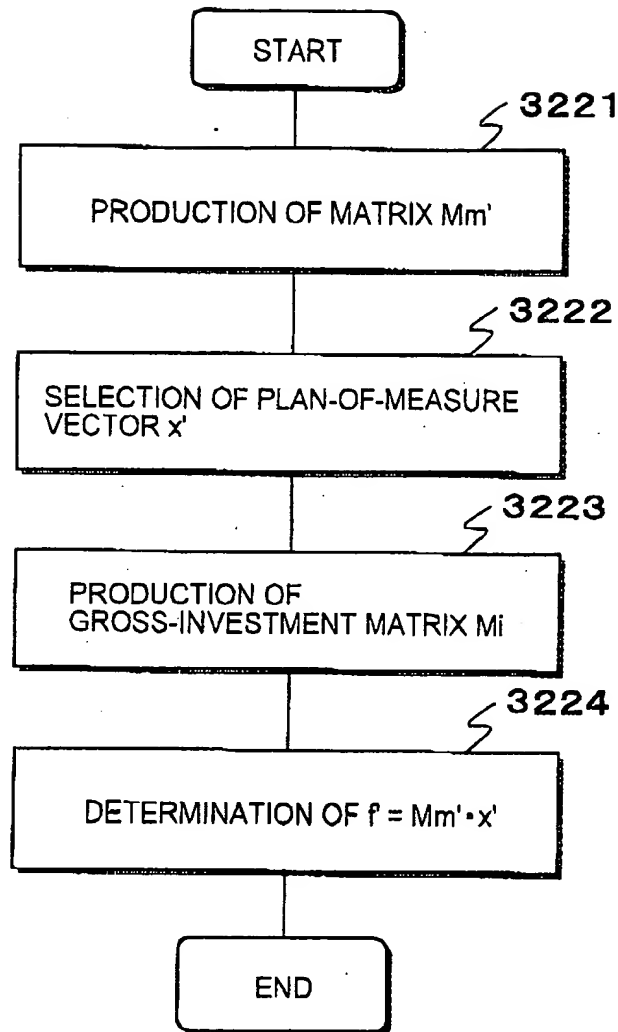


FIG.28

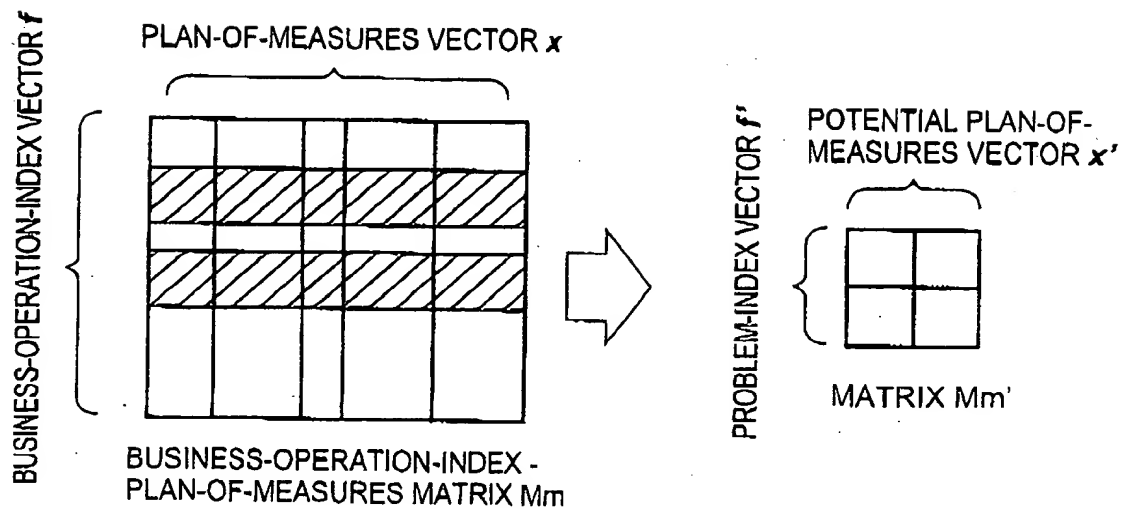








FIG.30

